

Deskripsi Kemampuan Logical-mathematical dalam Menyelesaikan Soal HOT bagi Siswa Kelas X SMA N 1 Salatiga

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Abstract. This research is a qualitative description research which this purpose is describe the logical mathematical capacity to solve High Order Thinking (HOT) Problem for Students Grade X Senior High School 01 Salatiga. Subject of this research include 5 students. This data collect technique are observation, HOT problem, and deep interview. This data analysis are reduction, display data, and conclusion. The result of this research are 1) in analyse level of HOT problem, there are 33% subject have basic skills level and 67% subject have complex skills level; 2) in evaluate level of HOT problem, there are 20% subject have basic skills level, 50% subject have complex skills level, and 30% subject have coherence skills level; and then 3) in create level of HOT problem, there are 30% subject have basic skills level, 50% subject have complex skills level, and 20% subject have coherence skills level. Its means that to solve HOT Problems, students use 3 level of logical mathematical capacity, i.e. basic skills level, complex skills level, and coherence skills level. **Keywords:** HOT Problem, Logical-Mathematical Capacities, Skills level

